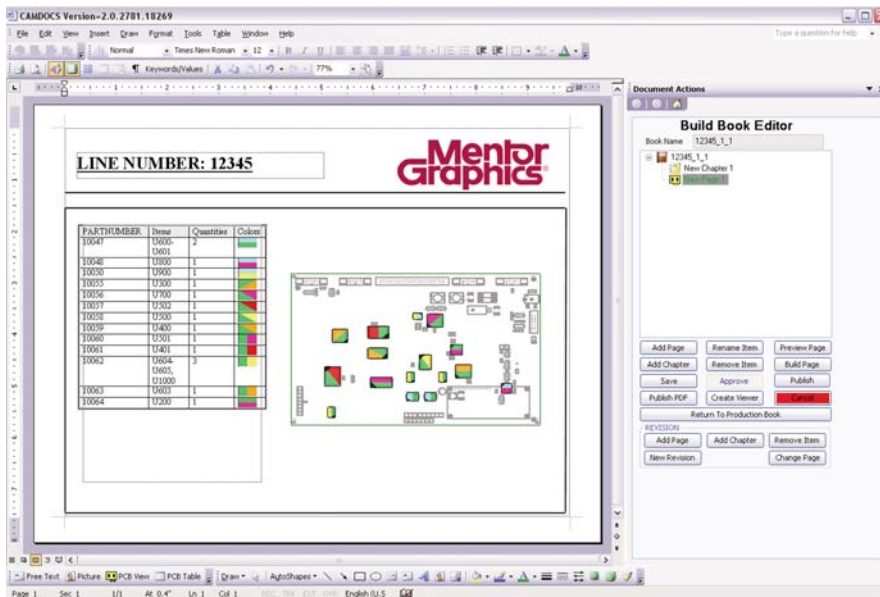


CAMDOCS

Paperless Shop Floor Documentation

CAMCAD Manufacturing

D A T A S H E E T



CAMDOCS automatically generates paperless shop floor documentation

Major product benefits

- Quickly generate ISO compliant assembly documentation books in Adobe Acrobat™ PDF format
- Avoid data mismatches with a single, manufacturing data set
- Accelerate product ECO's by automatically generating updated documents
- Control document release with authorized sign-off and approval
- Simplify user interaction with automated document viewer
- Generate parts list tables based on the contents of the CAD data
- Automatically color components based on selected CAD attributes

Overview

Accurately documenting the PCB assembly process is essential to manufacture today's complex electronic products and ensure compliance with the myriad of customer and regulatory compliance requirements. The challenge is being able to create this necessary documentation in a timely and accurate fashion. Using traditional methods, this task can take days or even weeks. Further complicating the issue of documentation creation occurs when a design undergoes any updates or changes; all existing documentation must also be updated to reflect the subtle changes in the modified design.

Mentor Graphics developed CAMDOCS to address these documentation challenges. CAMDOCS, part of CAMCAD Manufacturing, allows you to quickly and easily create PCB manufacturing documentation. CAMDOCS uses the complete and accurate manufacturing data set created by CAMCAD Professional. CAMDOCS automatically creates a Documentation Book using a predefined template and then publishes it to the manufacturing floor. This means that complete, accurate documentation is available on the manufacturing floor at the touch of a few buttons

Mentor Graphics' CAMDOCS helps you improve the way you create and manage your PCB manufacturing documentation process.

Generate PDF Documentation

CAMDOCS provides an easy to use, template-driven documentation solution to quickly generate a complete assembly documentation book in PDF format. The final documentation book can be deployed to the manufacturing floor in a method that best suits your operation. The flexible options available within CAMDOCS include: viewing the documentation book in a web browser; printing a physical copy or displaying the document in the CAMDOCS Viewer along with a dynamic CAD display.

Secure Version Control

CAMDOCS quickly provides value for any PCB manufacturing environment. Once created and approved the latest documentation book is the only version that is accessible. New documents must go through authorized approval and sign off before replacing previous versions. Previous revisions are automatically archived and retained for historical purposes.

Automatic Document Updates

Engineering Change Orders can be tedious tasks, usually causing a great deal of documentation to be generated. When done manually, not only is it time consuming, but prone to errors and omissions. CAMDOCS automatically generates a set of updated documentation, streamlining the ECO process while eliminating errors and omissions.

Single Data Set

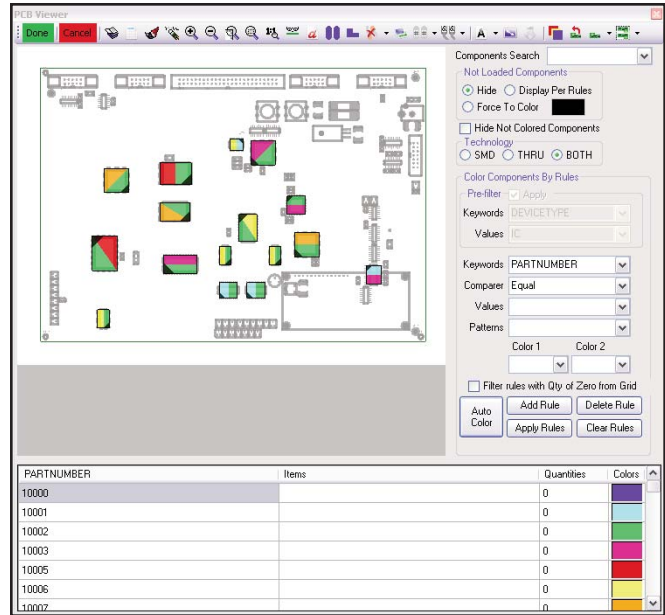
CAMDOCS maintains a single manufacturing data set to avoid data mismatches. This single data set also allows parts lists tables to be generated based on the contents of the CAD data set. Drawing from this single set, the document viewer illustrates components in colored groups, defined by selected CAD attributes.

The CAMDOCS Solution

CAMDOCS provides all the necessary tools to create, manage, maintain, and view the full set of documents necessary for PCB assembly.

Visit our website at www.mentor.com/pcb

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Components are automatically color coded based on specified CAD attributes.

The paperless environment not only eliminates clutter and conserves natural resources, but it ensures that all users are viewing the latest documentation as well. CAMDOCS sets a new standard in automatic assembly documentation.

Hardware Platform

- PC

Operating Systems

- Windows 2000, XP

System Requirements

- 20 MB free disk space
- 1 GB system RAM recommended

License Configuration

- Time based
- Floating: Windows 2000, XP
- FlexLM protected

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